

ZANS.10001NP

Patent Amendment

insurance healthplans with doctors;

referral authorization circuitry for:

receiving said referral requests,

generating electronic authorization requests to an associated insurance company responsive to ones of said referral requests,

receiving an electronic authorizations/denial for each electronic authorization request;

forwarding denied authorization requests to a third party human researcher for further research; and

updating said database responsive to said research.

19 (Amended). The healthcare information system of claim 17 wherein said database comprises a central information system having a global database of referral information in communication with said provider office systems.

22 (Amended). A method of providing referral information, comprising the steps of:

providing a database associating insurance healthplans with doctors;

electronically receiving said referral requests generated by reference to said database from a plurality of provider office systems;

generating electronic authorization requests to an associated insurance company responsive to ones of said referral requests;

receiving an electronic authorization or denial in response to each electronic authorization request;

forwarding denied requests to a third party human researcher for further research; and

updating said database responsive to said research.